

## **SAP BODI/BODS Course Content:35-40hours**

### Course Outline

#### **Introduction to Data Integrator**

- About Data Integrator
- Data Integrator product documentation

#### **Data Integrator Architecture:**

- Standard Data Integrator components
- Optional Data Integrator components
- Data Integrator management tools
- Data Integrator operating system platforms
- Data Integrator distributed architecture

#### **Data Integrator Designer**

##### **Introduction to Data Integrator Designer:**

- Logging in to the designer
- Designer overview
- Data Integrator objects
- Working with objects
- General and environment options
- Projects and Jobs
- Data stores
- File formats
- Data flows
- Work flows
- Nested data
- Real-time jobs
- Embedded data flows
- Variables and Parameters
- Executing jobs

- Data Quality
- Design and Debug
- Data Cleansing

**Transforms:**

- About transforms, operation codes
- Address\_Enhancement

**Case**

- Date\_Generation
- Effective\_Date
- Hierarchy\_Flattening
- History\_Preserving
- Key\_Generation
- Map\_CDC\_Operation and Map\_Operation
- Match\_Merge
- Merge Name\_Parsing
- Pivot(columns to rows) and Reverse Pivot(rows to columns)
- Query
- Row\_Generation
- SQL
- Table\_Comparison
- Validation
- XML\_Pipeline
- Functions and Procedures:

**Overview of functions**

- About functions
- Custom functions
- Database and application functions
- Description of built-in functions
- About procedures
- Calling stored procedures
- In general
- From queries
- Without the function wizard

**Data Integrator Scripting Language:**

**About scripting language**

- Language syntax
- Syntax for statements in scripts
- Syntax for column and table references in expressions
- Strings

- Quotation marks
- Escape characters
- Trailing blanks
- Variables
- Variable interpolation
- Functions and Stored procedures
- Operators
- NULL values
- NULL values and empty strings
- Debugging and Validation
- Keywords
- Sample scripts
- Export/import

### **Data Integrator Administrator:**

#### **Introduction**

- Administrator Management
- Central Repository Management
- Using Server Groups
- Executing batch jobs
- Scheduling jobs
- Trace and monitoring jobs
- Export Execution command
- Using the Administrator
- Using a third-party scheduler
- Data Integrator job launcher
  
- Data Integrator Metadata Reports:
  - Introduction
  - Viewing Metadata Reports

### **Data Integrator Performance Optimization:**

#### **Introduction**

- Environment Test Strategy
- Measuring and Tuning Data Integrator Performance
- Using Bulk Loading